US 20030016211A1

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2003/0016211 A1

Woolley (43) Pub. Date: Jan. 23, 2003

(54) KIOSK TOUCHPAD

(76) Inventor: Richard D. Woolley, Orem, UT (US)

Correspondence Address:
MORRISS, BATEMAN, O'BRYANT & COMPAGNI
136 SOUTH MAIN STREET
SUITE 700
SALT LAKE CITY, UT 84101 (US)

(21) Appl. No.: 10/175,569

(22) Filed: Jun. 18, 2002

Related U.S. Application Data

(63) Continuation of application No. 09/422,321, filed on Oct. 21, 1999, now abandoned.

Publication Classification

(51) Int. Cl.[7] G09G 5/00

(52) U.S. Cl. 345/173

(57) ABSTRACT

A simplified touchpad which detects a "touch" in a specific absolute positioning programmable zone or "enter/select" zone rather than requiring a "tap". The touchpad also has an audible feedback device built into the touchpad for immediate feedback and a touch sensitive surface comprising a relative cursor positioning zone. By simplifying a touchpad to include only basic functions, the touchpad is easier to operate, simpler to manufacture, and more amenable to use with graphical interface display systems typically using touch screens. The invention is preferably incorporated into a kiosk where simplified use is of great benefit. An embodiment of the invention includes an enclosure which completely seals the touchpad from external contamination, thereby making the touchpad waterproof and dust proof. A cover plate also provides durability and added protection for the touch sensitive surface of the touchpad. The preferred embodiment includes zones which, at a single touch, provide the functions of a click, a double-click, and drag lock.